

ABSTRACT OF THE DISCLOSURE**DECENTRALIZED, SELF-REGULATING SYSTEM FOR AUTOMATICALLY
DISCOVERING OPTIMAL CONFIGURATIONS IN A FAILURE-RICH
ENVIRONMENT**

5 A method, system and computer program for managing a set of data by a distributed set of services is provided. The set of data is organized into a plurality of related sets of data. Management of the related set of data is assigned, by a set of services, to a service within the
10 distributed set of services based on an optimization criteria. Responsive to a failed service within the distributed set of services, management of the related set of data managed by the failed service is transferred to another service within the distributed set of services.

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